IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Inventor(s):

Henning, et al.

Docket No.:

RED-P001

Serial No.:

(Not yet assigned)

Group Art Unit: (Not yet assigned)

Filed:

09/30/03

Examiner:

(Not yet assigned)

Title:

High-flow Microvalve

INFORMATION DISCLOSURE STATEMENT

Commissioner of Patents P.O. Box 1450 Alexandria, VA 22313-1450

Sir:

In keeping with the duty of candor and good faith owed to the Patent and Trademark Office, Applicants wish to bring the enclosed printed publications and U.S. patent references to the attention of the Examiner.

Applicant respectfully submits that Applicants' claimed invention is patentable over such references. Forms PTO/SB/08A and PTO/SB/08B listing these references are attached. It is understood the Office may find additionally relevant material in these or other references.

Respectfully submitted,

DENNIS S. FERNANDEZ, ESQ

Reg. No. 34,160

FERNANDEZ & ASSOCIATES, LLP

PATENT ATTORNEYS

PO BOX D

MENLO PARK, CA 94026-6204

PHONE: (650) 325-4999 FAX: (650) 325-1203 EMAIL: iploft@iploft.com

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

RED-0001

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO

INFORMATION DISCLOSURE

STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Complete if Known

Application Number

Filing Date

First Named Inventor

Art Unit

V/A

Examiner Name

N/A

of

Sheet

Attorney Docket Number

			U. S. PATENT	DOCUMENTS	
Examiner Initials*	Cite No.1	Document Number Number-Kind Code ^{2 (d known)}	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		US- 4.538 LAZ	09-63-1935	H.P. Shutten of al.	
	-	US-4,585, 209		E. Aine and B. Black	
		US-5,333,831	08-02-1994	P.W. Barth and G.B. Gordon	
		US- 4, 966, 646	10-30-1998	Zdebak, M.	
		US- / 129, 331	10-10-2000	Henning, Ideblick, Fitch	
		US- 07		J'	
		US-			
		US-			··· · · ·
		US-			

		FOREIGN	PATENT DOCU	MENTS		
Examiner Initials*	Cite No.1	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T ⁶
		Country Code ³ Number ⁴ Kind Code ⁵ (if known)			er resevant igeres, ppear	
		E.P. 0 834 012	07-02-260	Richter, M. at al.		
				, ,		
				*		

Examiner	Date	
Signature	Considered	
	!	[

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. Applicant's unique citation designation number (optional). See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. Interest of the reign of the Emperor must precede the serial number of the patent document. Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449B/PTO					Complete if Known		
					Application Number	N/A	
INFORMATION DISCLOSURE					Filing Date	09/30/2007	
•	STATEMENT BY APPLICANT				First Named Inventor	Henaina	
					Art Unit	r/n	
	(Us	e as many sheet	s as necessary)		Examiner Name	U/A	
	Sheet	3	of	1	Attorney Docket Number	RED- PUBL	

NON PATENT LITERATURE DOCUMENTS					
Examiner Initials*	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.			
		T.K. WANG et al., Production-ready silver microuduss." Micromachined Devices and Components V, P. J. Frank and E. Petters (eds.), pp. 227-237, VII. 5876, pp. 1IE, sellingham, WA, 1999.			
		W. VAN DER WITNGAAHT, A study of orifice—controlled flow for micro-value Alsign application. "Designancy Micro-fluidic Control Components, Ph.D. disconforting Panar # 8. Royal Toothets of Technology Judden 2002			
		A.K. HENN ING "I proved Gas Flow Model for this worklikes." In Proceedings, Transducers 103: 2003 Int'l Solid State Sensors and Actuatives Continued, 11. 1550 - 1553 (IEEE Press, Dicertamon, NJ, 2003).			

(1	
Examiner	Date	
Signature	Considered	

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

considered. Include copy of this form with next communication to applicant.

1 Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.